

PTO/SB/110 (Rev. 5-95). Approved through 9/30/98. OMB 0651-0032. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE.  
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# Declaration and Power of Attorney for Patent Application

## 특허 출원 관련 선언 및 위임권

### Korean Language Declaration

아래 지명된 발명자로서, 본인은 하기 사항을 선언합니다.

본인의 거주지, 우송 주소 및 국적은 본연의 성명 아래에 기재된 것과 동일합니다.

본인은 하기 명시된 발명에 대한 특허를 청구하는 주체의 최초 원예 단독 발명자이거나 (아래에 한 이름만이 기재된 경우) 또는 최초 원예 공동 발명자임을 (아래에 여러 이름이 기재된 경우) 확인합니다.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

ARITHMETIC LOGIC UNIT OVER FINITE

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다음 칸이 체크되어 있지 않으면 본 발명의 명세서가 여기에 첨부됩니다.

☐ 미합중국 출원번호 또는 PCT 국제 출원번호는  
로  
에 등록되었고  
에 개정되었음  
(해당 경우).

본인은 상기 기재에 의거 수정된 상기 명세서는 물론 특허 청구의 내용을 심사했으며 이해했음을 확인합니다.

본인은 연방 규정 코드인 제37 장의 제1.56 항에 의거하여 특히 지적해 권한 자료 정보를 공개할 의무를 인정합니다.

the specification of which is attached hereto unless the following box is checked:

☐ was filed on \_\_\_\_\_  
as United States Application Number or PCT  
International Application Number  
and was amended on  
(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Page 1 of 3

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

(Declaration and Power of Attorney for Patent Application—Korean Language Declaration (PTO/SB/110)  
[1-21]—pag 1 of 3)

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### Korean Language Declaration

본원은 외국인 특허 출원(들)이나 발명자의 증명서 관련 경우에는 미합중국 코드인 제35장의 제17.9(a)-(d)항이나 제365(b)항에 의거하여 또는 미합중국 이외에 적어도 한 국가를 지칭하는 PCT 국제 출원의 경우에는 제365(a)항에 의거하여 하기 명시된 특허 출원의 외국 우선권을 주장하며, 외국인 특허 출원, 발명자 증명서 또는 우선권이 주장되는 출원일 이전에 제출된 PCT 국제 출원도 또한 여기에 해당함을 체크함으로써 확인하였습니다.

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed  
우선권 주장 없음

10-2003-0007226

KR

Feb. 5, 2003

(Number)  
(번호)

(Country)  
(국가)

(Day/Month/Year Filed)  
(출원일자 일/월/년)

☐

(Number)  
(번호)

(Country)  
(국가)

(Day/Month/Year Filed)  
(출원일자 일/월/년)

☐

본원은 미합중국 코드인 제35장 제119항(c)에 명시된 바와 같이 하기 미합중국 가출원에 관련된 특권을 요구합니다.

I hereby claim the benefit under Title 35, United States Code, § 119(c) of any United States provisional application(s) listed below.

(Application No.)  
(출원 번호)

(Filing Date)  
(출원일자)

(Application No.)  
(출원 번호)

(Filing Date)  
(출원일자)

본원은 미합중국 코드인 제35장의 미국 출원(들) 관련 제120항에 명시된 바와 같이 또는 미합중국을 지칭하는 PCT 국제 출원 관련 제365(c)항에 명시된 바와 같이 하기 출원의 특권을 요구합니다. 이 출원서에 있는 각 특허 청구의 내용은 미합중국 코드인 제35장 제112항의 첫번째 절에서 명시된 바와 같이 종전의 미국 또는 PCT 국제 출원에 발표되지 않았으면 본원은 연방 규정 코드인 제37장 제1.56항에 명시된 바와 같이 종전 출원일자와 이 출원서의 국내 또는 PCT 국제 출원일자 사이에 특허 자격에 대한 자료 정보를 공개할 의무를 인정합니다.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application No.)  
(출원 번호)

(Filing Date)  
(출원일자)

(Status) (patented, pending, abandoned)  
(현황) (특허 획득, 출원중, 포기)

(Application No.)  
(출원 번호)

(Filing Date)  
(출원일자)

(Status) (patented, pending, abandoned)  
(현황) (특허 획득, 출원중, 포기)

본원이 아는 한도 내에서 여기에 제공된 모든 내용이 사실이고, 제공된 정보나 소신이 모두 사실임을 확인하며, 더하여가 미합중국 코드 제18장의 3,001절에 명시된 바와 같이 그외의 허위 진술 및 이와 유사한 행위는 법규이나 부속으로 처벌 받거나 벌금과 감옥형을 모두 받을 수 있고 이러한 그외의 허위 진술은 특허 출원이나 후에 발급된 특허의 유효성을 위태롭게 함을 인지하면서 여기에 진술함을 선언합니다.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issued thereon.

(Declaration and Power of Attorney for Patent Application—Korean Language Declaration (PTO/SB/110)  
[1-21]—page 2 of 3)

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## Korean Language Declaration

위임권: 지명된 발명자로서 본인은 이 특허를 출원하고 이와 관련하여  
특허 및 상표법이 요구하는 사무를 처리하기 위하여 하기 변호사(들)  
명/또는 대리인(들)을 임명합니다. (성명 및 등록번호 기입)

POWER OF ATTORNEY: As a named inventor, I hereby  
appoint the following attorney(s) and/or agent(s) to prosecute  
this application and transact all business in the Patent and  
Trademark Office connected therewith: (last name and  
registration number)

(see attached sheet)

Thomas H. Van Hoozer, Reg. No. 32,761

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단독 또는 첫번째 발명자의 성명	Full name of sole or first inventor	HONG, Chun Pyo
발명자의 서명	Inventor's signature	<i>Chun Pyo Hong</i> Date
거주지	Residence	106-506, Boseong-Eunha APT., Sangin-Dong Dalseo-Gu, Daegu, Republic of Korea
국적	Citizenship	KOREAN
우송 주소	Post Office Address	
만약 있으면 두번째 공동 발명자의 이름	Full name of second joint inventor, if any	KIM, ChangHoon
두번째 발명자의 서명	Second inventor's signature	<i>ChangHoon Kim</i> Date
거주지	Residence	851, Pyeonglim-Dong, Tongyoung, Kyungnam, Republic of Korea
국적	Citizenship	KOREAN
우송 주소	Post Office Address	

(세번째 그리고 이후의 공동 발명자들에 대한 유사한 정보와  
그들의 서명을 제공하십시오.)

(Supply information and signature for third and subsequent joint  
inventors.)

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Applicant or Patentee: Chun Pyo HONG, and Chang Hoon KIM

Attorney's Docket No. 34429

Serial or Patent No.:

Filed or Issued:

For: ARITHMETIC LOGIC UNIT OVER FINITE FIELD GF(2<sup>m</sup>)

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) AND 1.27(c)) - SMALL BUSINESS CONCERN**

I hereby declare that I am

☐

the owner of the small business concern identified below:

☒

an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF CONCERN Foundation of Daegu University

ADDRESS OF CONCERN 2288, Daemyung-Dong, Nam-Gu, Daegu, Republic of Korea

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled ARITHMETIC LOGIC UNIT OVER FINITE FIELD GF(2<sup>m</sup>) by inventor(s) Chun Pyo HONG, and Chang Hoon KIM, described in X the specification filed herewith

If the rights held by the above-identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor, who could not qualify as a small business concern under 37 CFR 1.9(d) or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

FULL NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

☐ INDIVIDUAL ☐ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Chun Pyo HONG

TITLE OF PERSON OTHER THAN OWNER

ADDRESS OF PERSON SIGNING 2288, Daemyung-Dong, Nam-Gu, Daegu, Republic of Korea

SIGNATURE



DATE